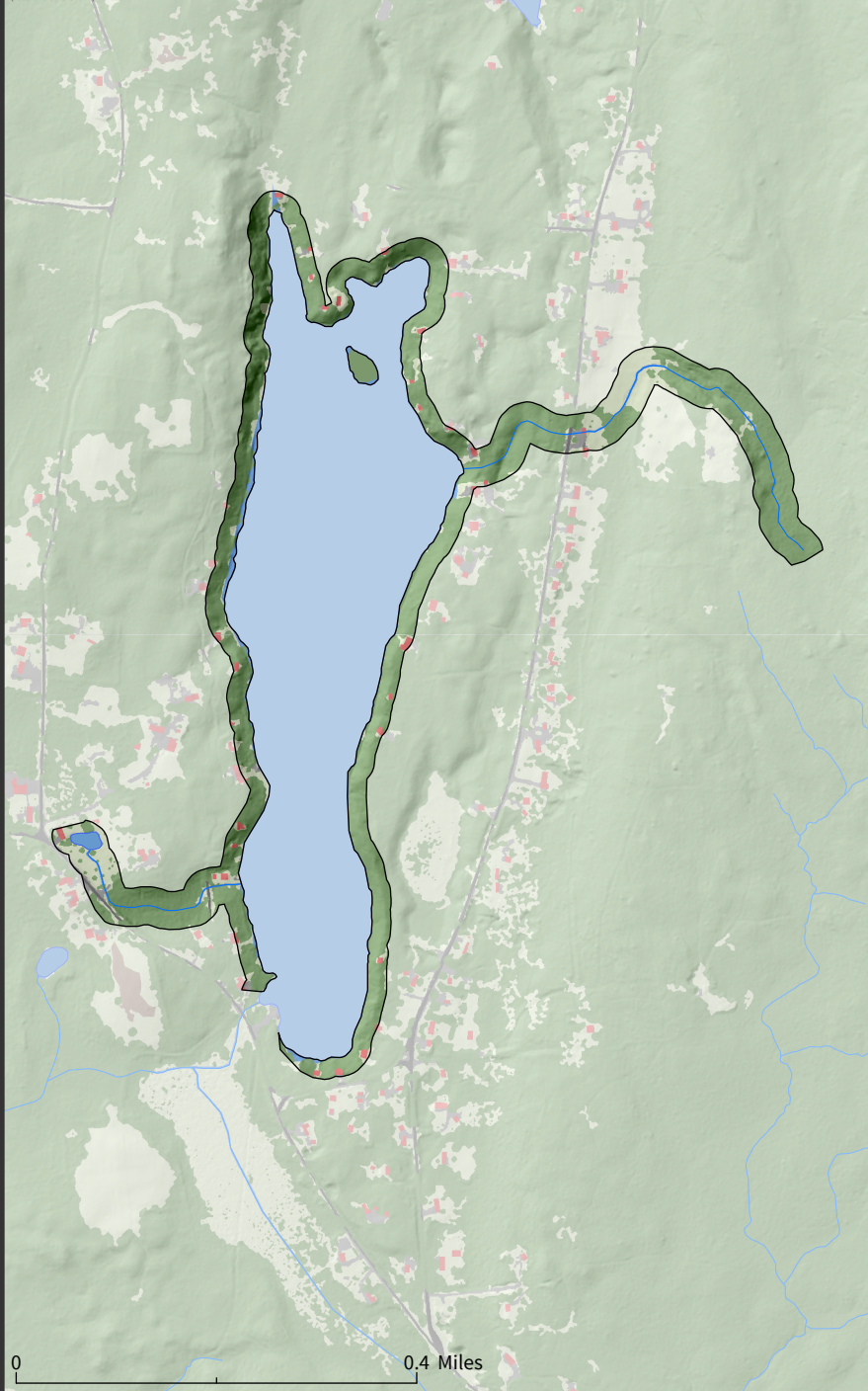


Fern

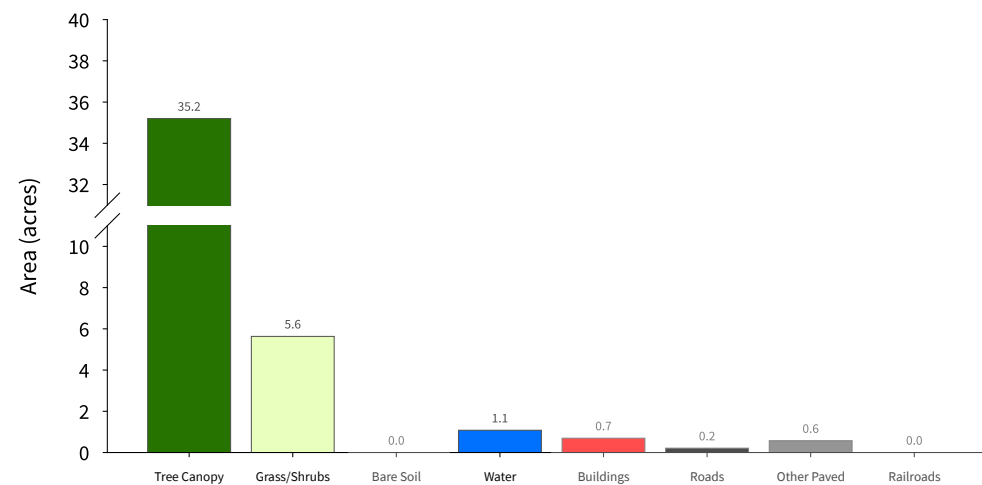
Waterbody + Tributary 100ft Buffer

43 acres
(Base Land Cover Shown)



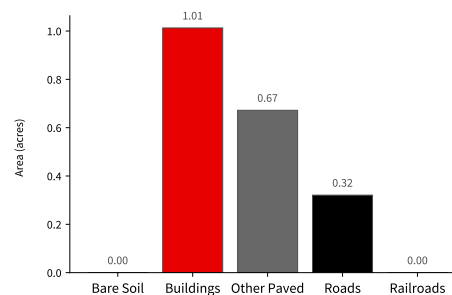
High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)



Supplemental Land Cover

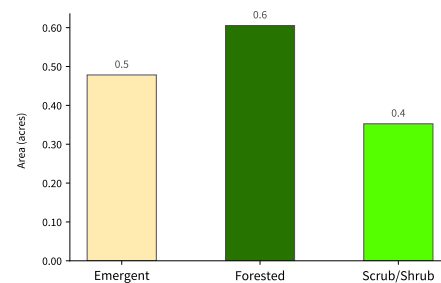
Impervious Surfaces (2.01 acres - 4.7 % of total) (Bottom-Up**)



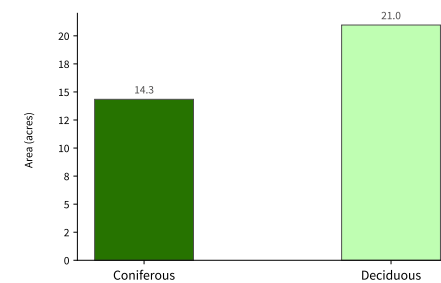
Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

Wetlands (1.44 acres - 3.3 % of total)



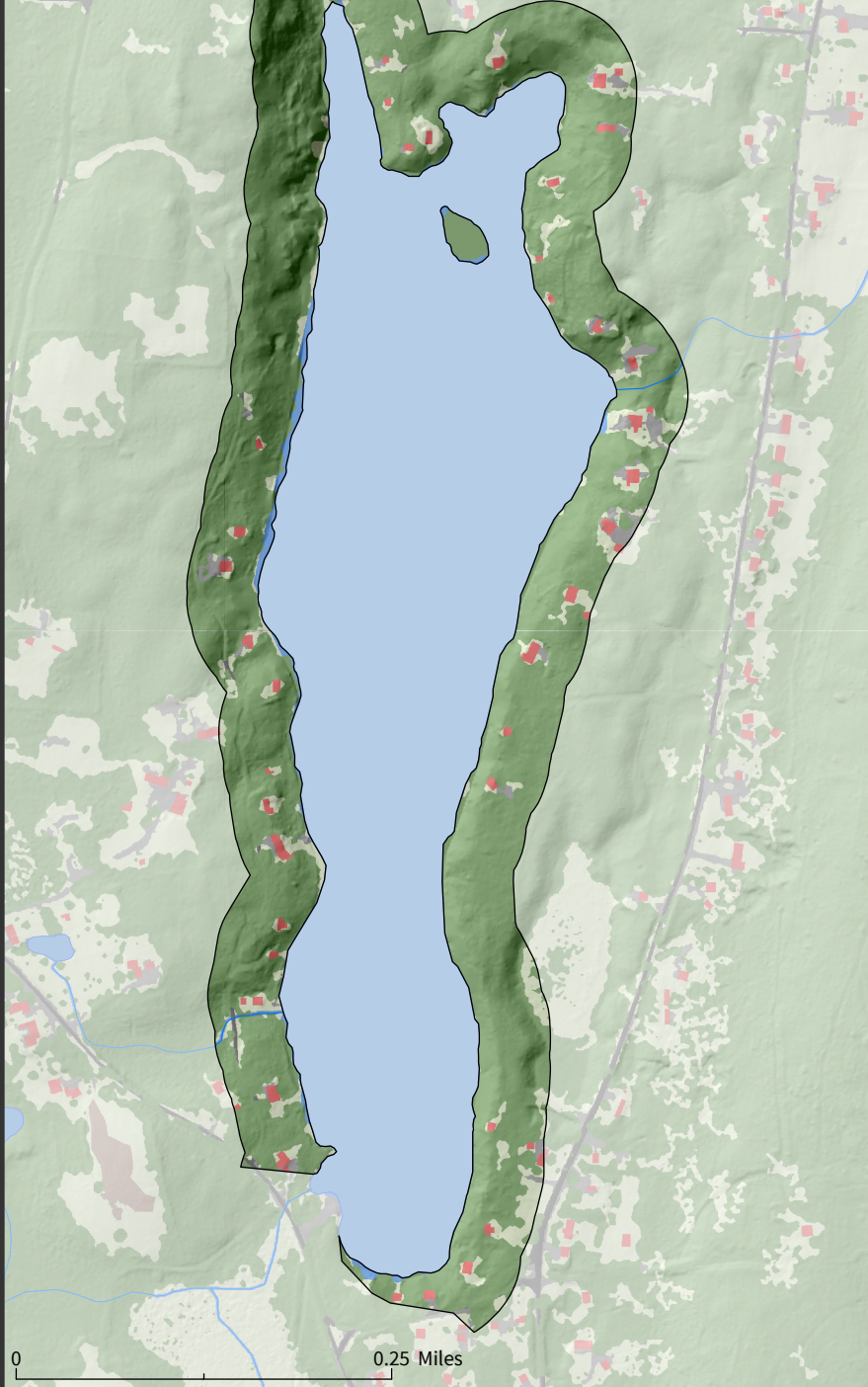
Tree Canopy (35.31 acres - 82.1 % of total)



Fern

Waterbody 250ft Buffer

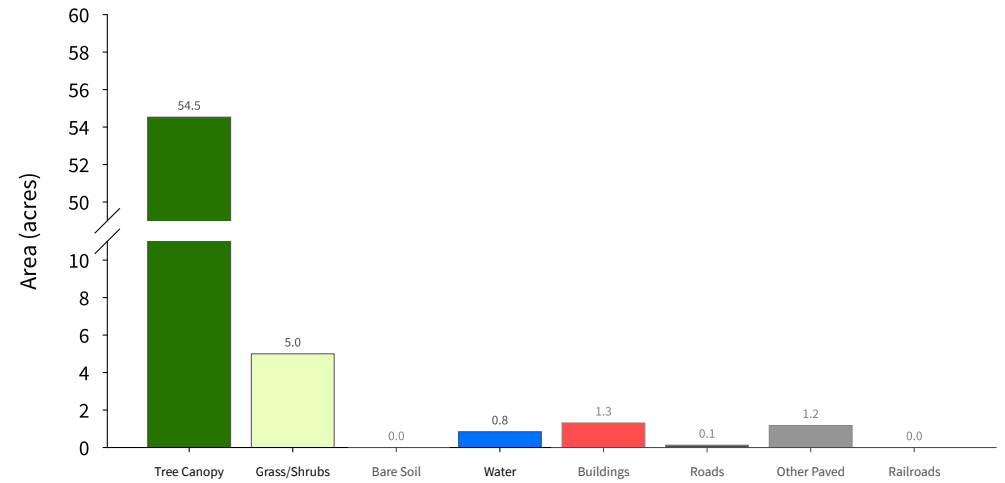
63 acres
(Base Land Cover Shown)



External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

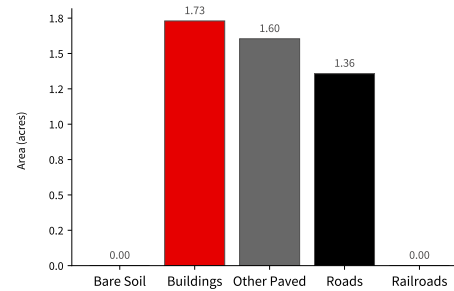
High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)



Supplemental Land Cover

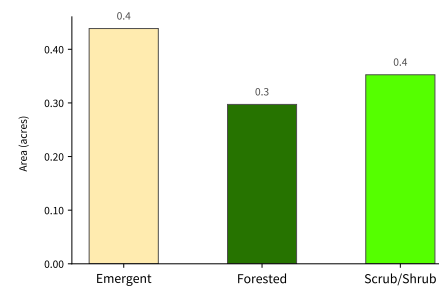
Impervious Surfaces (4.69 acres - 7.4 % of total) (Bottom-Up**)



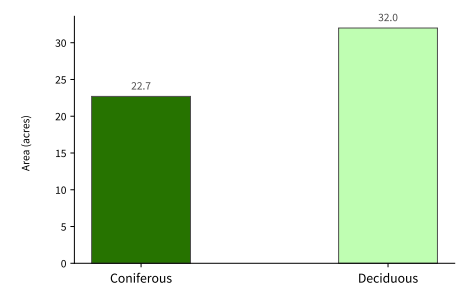
Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

Wetlands (1.09 acres - 1.7 % of total)



Tree Canopy (54.69 acres - 86.8 % of total)

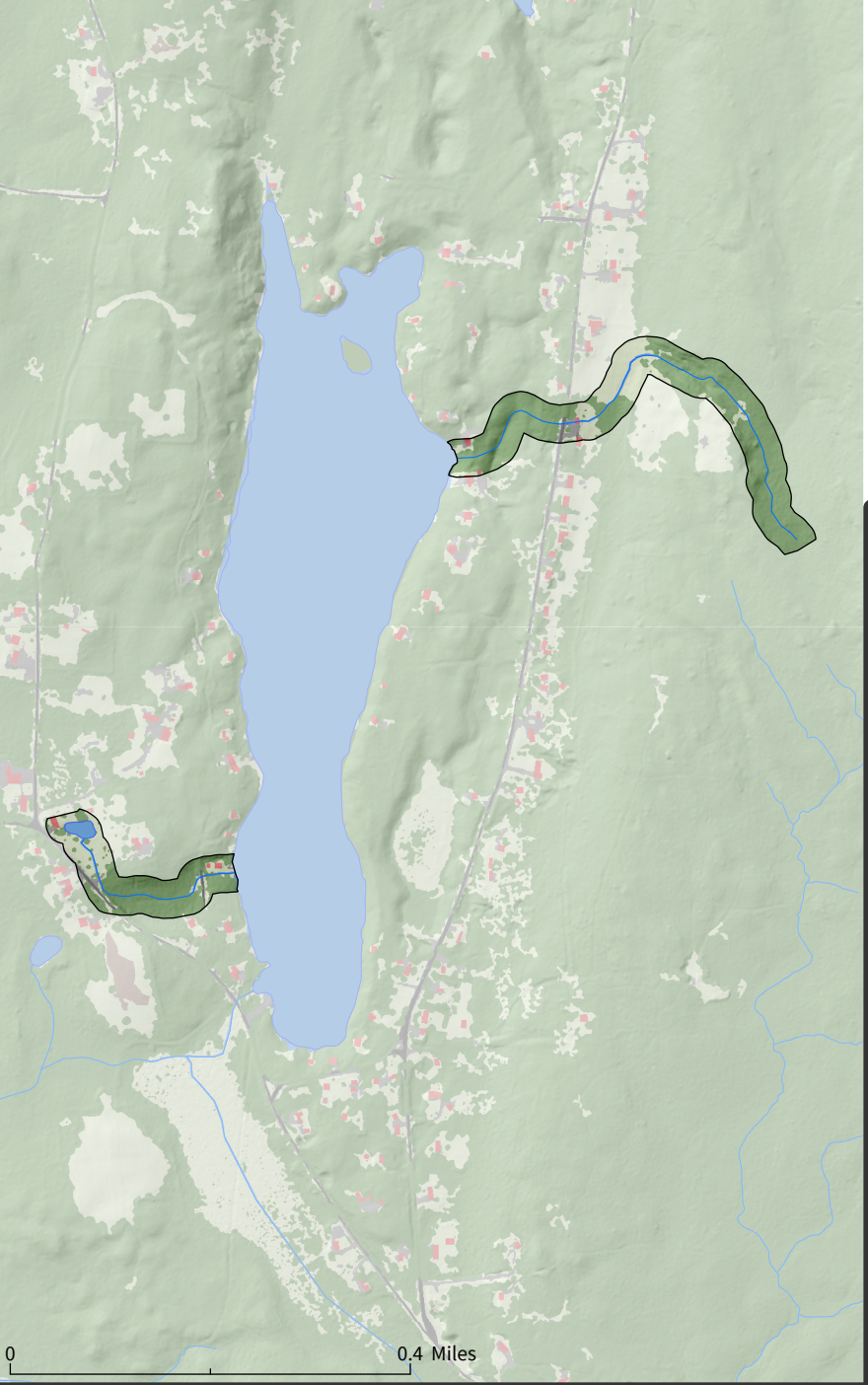


*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/observed by other features.
See UWM SAL High-Resolution Land Cover 2022 Report for more detail.

Fern

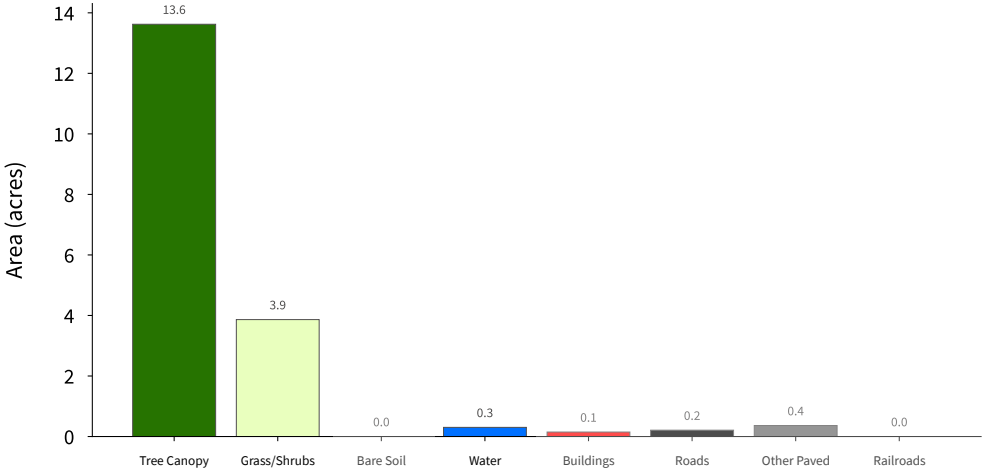
Tributary 100ft Buffer
19 acres
(Base Land Cover Shown)



External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

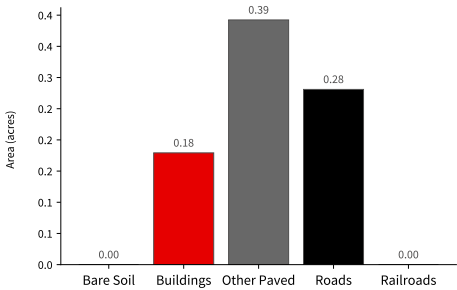
High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)



Supplemental Land Cover

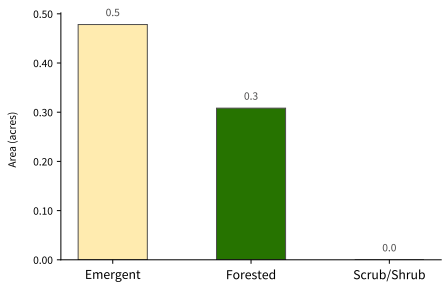
Impervious Surfaces (0.85 acres - 4.5 % of total) (Bottom-Up**)



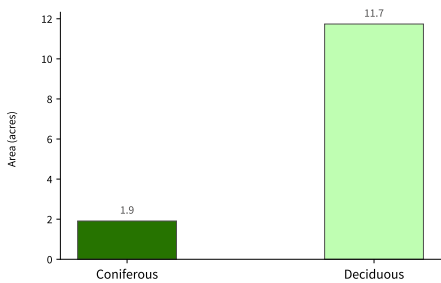
Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

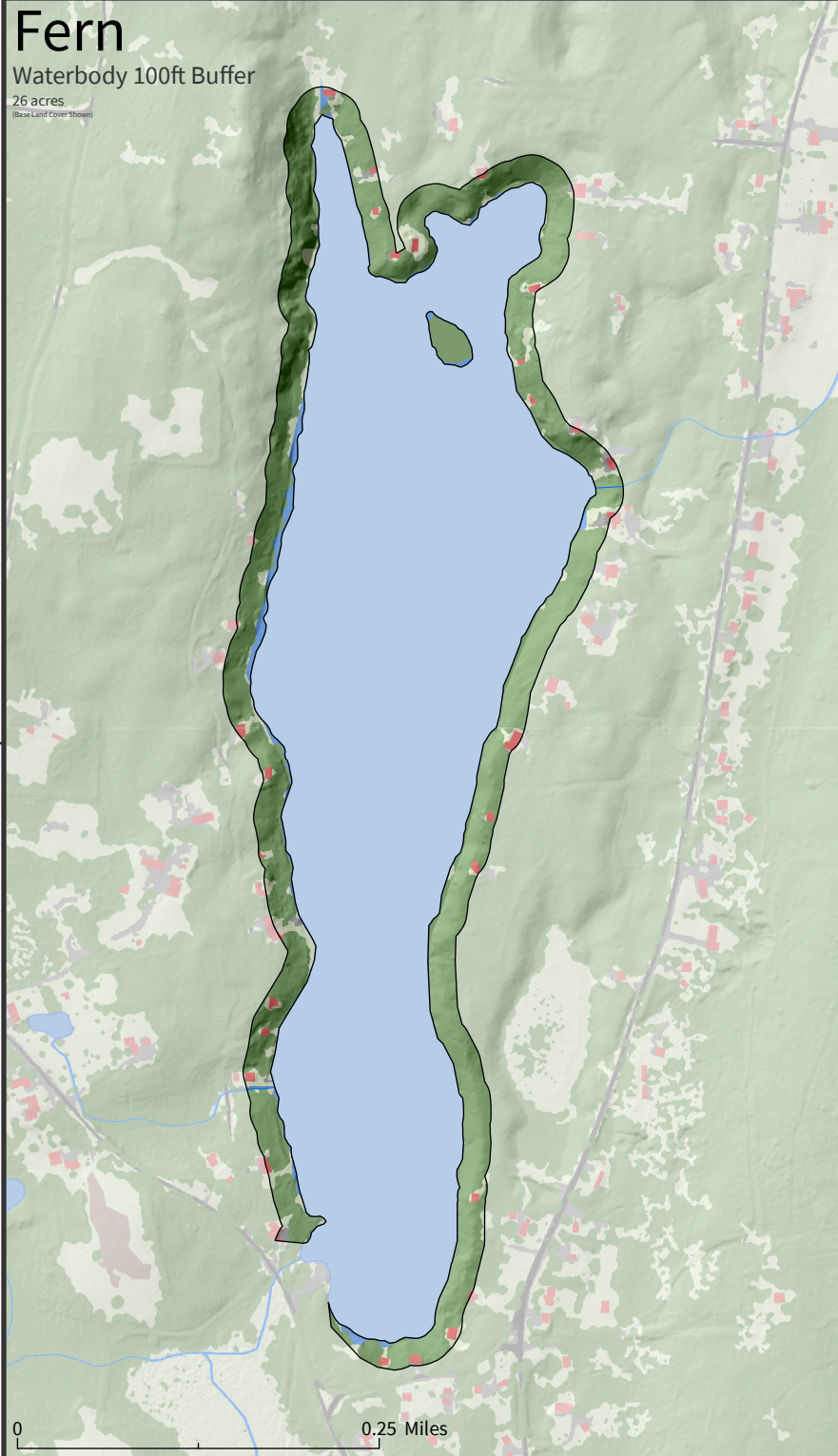
Wetlands (0.79 acres - 4.1 % of total)



Tree Canopy (13.65 acres - 71.8 % of total)

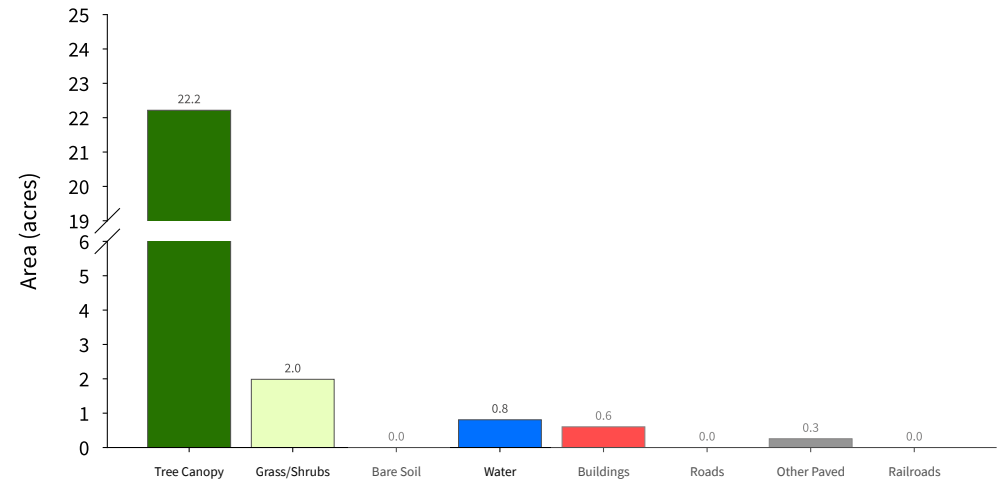


*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.
**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.
See UWM SAL High-Resolution Land Cover 2022 Report for more detail.



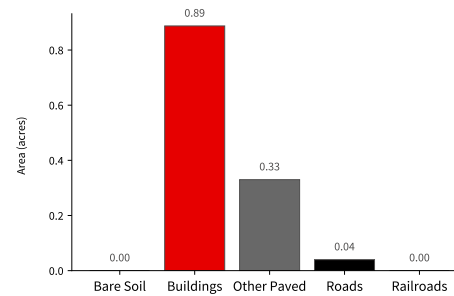
High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)



Supplemental Land Cover

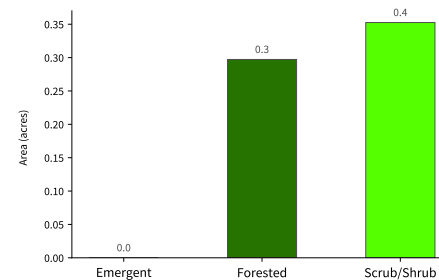
Impervious Surfaces (1.26 acres - 4.8 % of total) (Bottom-Up**)



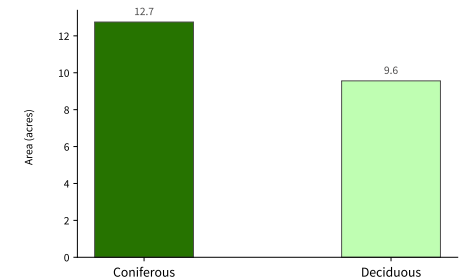
Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

Wetlands (0.65 acres - 2.5 % of total)



Tree Canopy (22.31 acres - 85.8 % of total)



*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

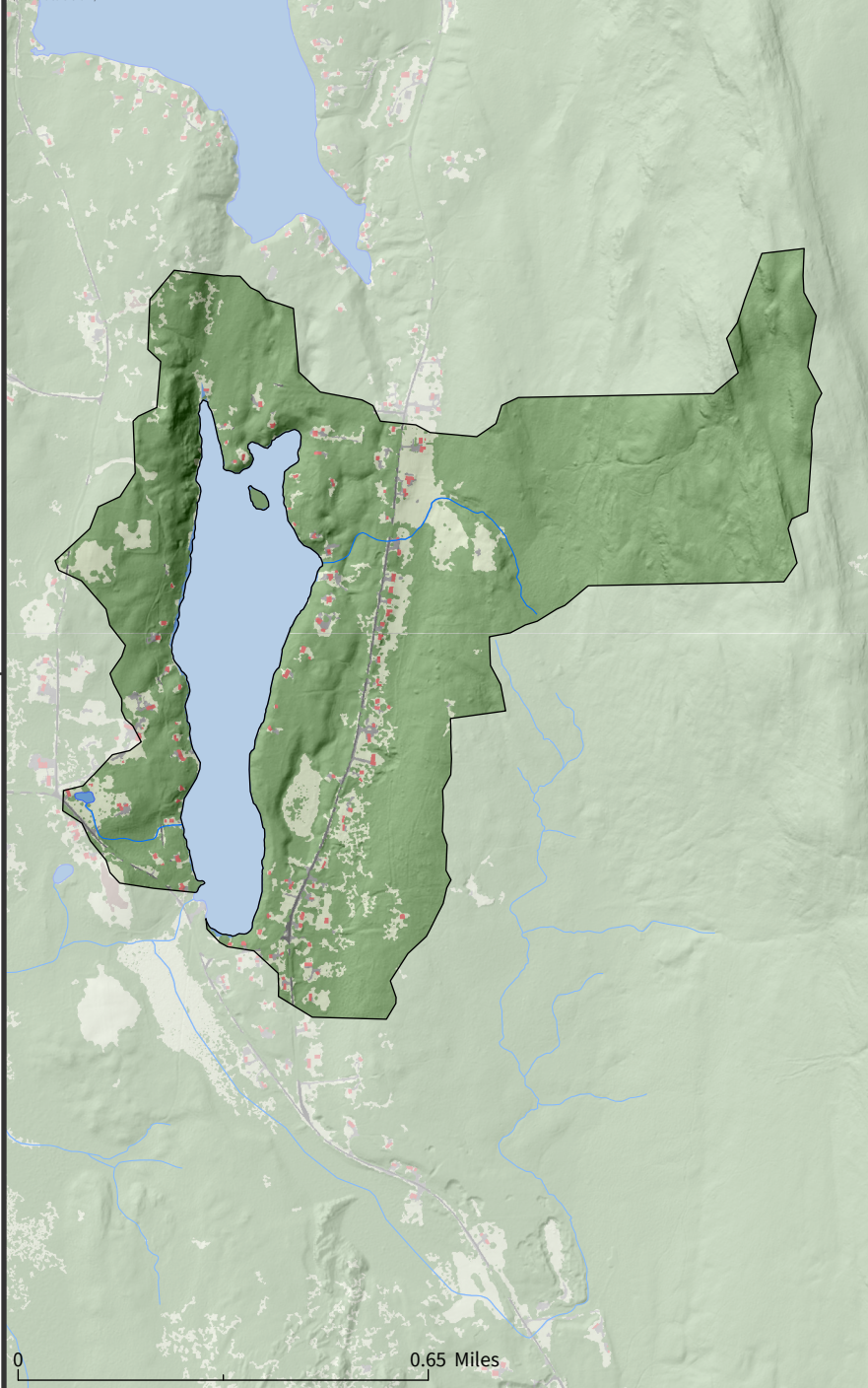
**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.

See UVM SAL High-Resolution Land Cover 2022 Report for more detail.

Fern

Watershed

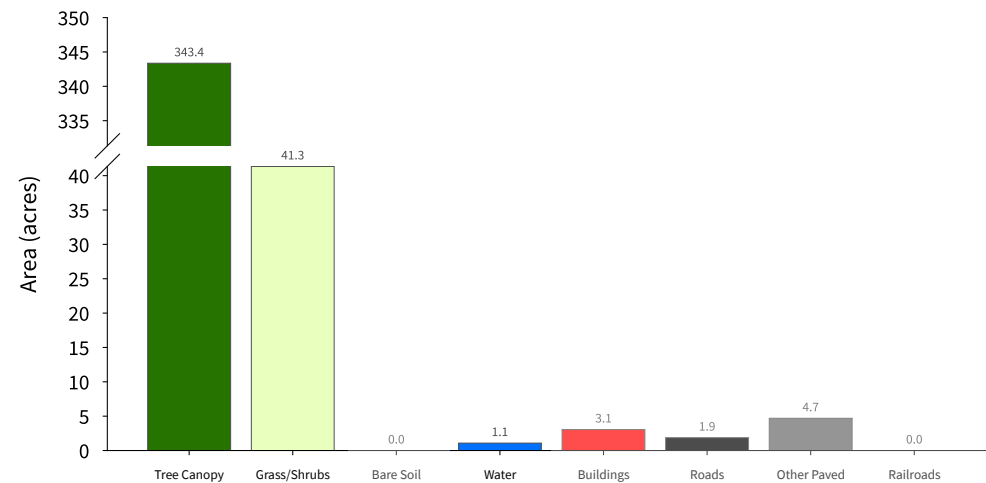
395 acres
(Base Land Cover Shown)



External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

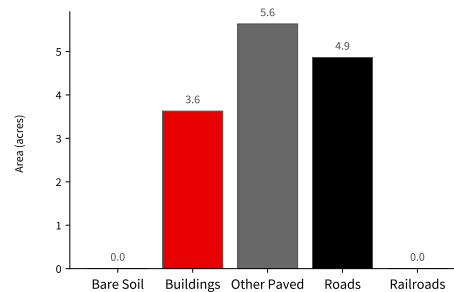
High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)

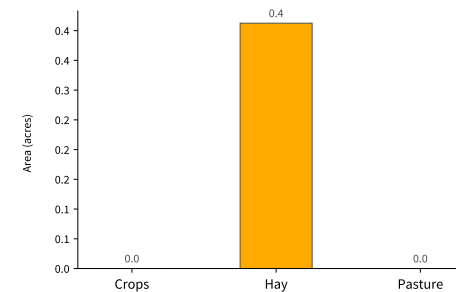


Supplemental Land Cover

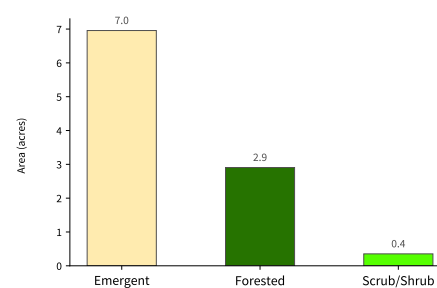
Impervious Surfaces (14.12 acres - 3.6 % of total) (Bottom-Up**)



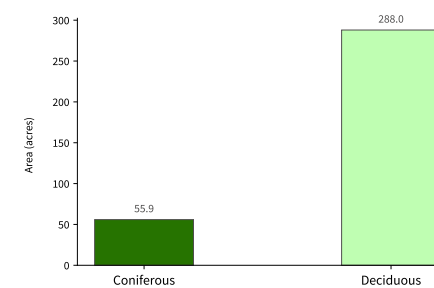
Agriculture (0.41 acres - 0.1 % of total)



Wetlands (10.21 acres - 2.6 % of total)



Tree Canopy (343.83 acres - 87 % of total)



*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.
**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/observed by other features.
See UWM SAL High-Resolution Land Cover 2015 Report for more detail.